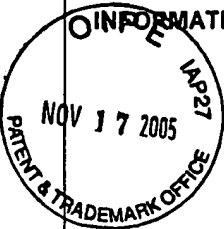


Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY  
APPLICANT

(Use as many sheets as necessary)

## Complete If Known

Application Number	10/719,381
Filing Date	November 20, 2003
First Named Inventor	Larry D. Cady, et al.
Art Unit	
Examiner Name	
Attorney Docket Number	DW0029USCNT

## U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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		US-5,470,993	11/28/1995	David D. Devore, et al.	
		US-5,556,928	09/17/1996	David D. Devore, et al.	
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		US-5,869,591	02/09/1999	Kevin W. McKay, et al.	
RH		US-6,774,186 B2	08/10/2004	Kim L. Walton	

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Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Application of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
RH		WO91/17194	11/14/1991	Bradley P. Etherton, et al.		
		WO94/06858	03/31/1994	Kevin W. McKay, et al.		
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		WO95/30698	11/16/1995	Jacob Renkema, et al.		
		WO98/07681	03/14/1996	Kevin W. McKay, et al.		
		WO96/33226	10/24/1996	Pradeep P. Shirodkar		
		WO98/27103	06/25/1998	Mark H. McAdon, et al.		
		WO98/32795	07/30/1998	Henry G. Heck, et al.		
		WO98/49211	11/05/1998	Lawrence T. Kale, et al.		
RH		WO98/49212	11/05/1998	Debra J. Mangold, et al.		
Examiner Signature				Date Considered	2-6-06	

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449A/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)			Complete If Known		
			Application Number	10/719,381	
			Filing Date	November 20, 2003	
			First Named Inventor	Larry D. Cady, et al.	
			Art Unit		
			Examiner Name		
			Attorney Docket Number	DW0029USCNT	

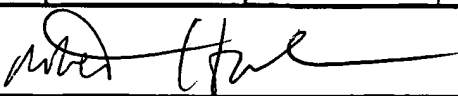
  

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
RH		US-2004/0127628 A1	07/01/2004	Kim L. Walton, et al.	
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		US-2005/0176892 A1	08/11/2005	Laura B. Weaver, et al.	
		US-5869591 (equiv. of WO9607681)	02/09/1999	Kevin W. McKay, et al.	
		US-5977271 (equiv. of WO9607681)	11/02/1999	Kevin W. McKay, et al.	
RH		US-6111020 (equiv. of WO9607681)	08/29/2000	Steven R. Oriani, et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Application of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
RH		EP-0600425 B1	03/08/2000	Robert Babrowicz, et al.		
RH		EP-0751182 B1	10/01/2003	Masaaki Kawasaki, et al.		
RH		EP-0794226 A1	09/10/1997	Okada, Keiichi, et al.		

Examiner Signature		Date Considered	2-6-06
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<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449A/B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/719,381-Conf. #2561
				Filing Date	November 20, 2003
				First Named Inventor	Larry D. Cady
				Art Unit	1713
				Examiner Name	R. D. Harlan
Sheet	3	of	5	Attorney Docket Number	DW0029USCNT

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Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
PH		US-5965756 (equiv. Of WO9827103)	10/12/1999	Mark H. McAdon, et al.	
		US-6034022 (equiv. Of WO9827103)	03/07/2000	Mark H. McAdon, et al.	
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		US-6506842 (equiv. of WO9832795)	01/14/2003	Henry G. Heck, et al.	
		US-5414040 (equiv. of WO9406858)	05/09/1995	Kevin W. McKay, et al.	
		US-5580920 (equiv. of WO9406858)	12/03/1996	Kevin W. McKay, et al.	
PH		US-5747580 (equiv. of WO9406858)	05/05/1998	Kevin W. McKay, et al.	


FOREIGN PATENT DOCUMENTS						
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		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>

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Substitute for form 1449A/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)	<b>Complete If Known</b>	
	Application Number	10/719,381
	Filing Date	November 20, 2003
	First Named Inventor	Larry D. Cady, et al.
	Art Unit	
	Examiner Name	
	Attorney Docket Number	DW0029USCNT

NON PATENT LITERATURE DOCUMENTS			T <sup>2</sup>
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	
MP		STUDY OF LONG-CHAIN BRANCHING IN ETHYLENE POLYMERIZATION. Beigzadeh, D.; Soares, J. B. P.; Hamielec, Archie E. Department of Chemical Engineering, University of Waterloo, Waterloo, ON, N2L 3G1, Can. Polym. React. Eng. (1997), 5(3), 141-180. (Abstract)	
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		LONG CHAIN BRANCH GENERATION IN ETHYLENE- $\alpha$ -OLEFIN COPOLYMERIZATION SYSTEMS WITH OR WITHOUT METALLOCENE COMPOUNDS. Imai, Akio; Shiraishi, Hiroyuki; Jouhouji, Hirofumi. Petrochemicals Research Laboratory, Sumitomo Chemical Company, Sodegaura, 299-02, Japan. Stud. Surf. Sci. Catal. (1995), 92(Science and Technology in Catalysis 1994), 299-302. (Abstract)	
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EXAMINER SIGNATURE		DATE CONSIDERED	

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

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	First Named Inventor	Larry D. Cady, et al.
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	Examiner Name	
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NON PATENT LITERATURE DOCUMENTS			T <sup>2</sup>
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	
My		CATALYST SYSTEM FOR MAKING TERPOLYMER RUBBER FROM ETHYLENE, PROPYLENE, AND A NONCONJUGATED POLYCYCLIC DIENE. Loveless, Frederick Charles; Miller, Don Hyde. (Uniroyal, Inc.). Ger. Offen., 16 pp. CODEN: GWXXBX. DE 2222210 721123. Patent written in German. Application: DE Priority: US 71-142058 710510 CAN 78:137657. (Abstract)	
I		BRANCHES OF POLYMERS. 2. DETERMINATION OF THE RATIO OF LONG CHAIN BRANCHES BY THE SOLUTION METHOD. Abe, Mitsuo; Kurata, Michio. Cent. Res. Inst., Nippon Synth. Rubber Co., Ltd., Tokyo, Japan. Kagaku (Kyoto), Zohan (1970), No. 43, 85-100. (Abstract)	
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EXAMINER SIGNATURE 		DATE 2-6-06	

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.